

Contents Volume 22 1993

Volume 22 No. 1

HANS-ROLF SCHULTEN & PETER LEINWEBER: Influence of the mineral matrix on the formation and molecular composition of soil organic matter in a long-term, agricultural experiment	1
H. M. RASK & J. J. SCHOENAU: ¹³ C natural abundance variations in carbonates and organic carbon from boreal forest wetlands	23
C. J. ALLAN, N. T. ROULET & A. R. HILL: The biogeochemistry of pristine, headwater Precambrian shield watersheds: an analysis of material transport within a heterogeneous landscape	37

Volume 22 No. 2

ERIC E. RODEN & JON H. TUTTLE: Inorganic sulfur turnover in oligohaline estuarine sediments	81
ERIC A. DAVIDSON & PAUL A. LEFEBVRE: Estimating regional carbon stocks and spatially covarying edaphic factors using soil maps at three scales	107
C.B. CRAFT & C.J. RICHARDSON: Peat accretion and phosphorus accumulation along a eutrophication gradient in the northern Everglades	133

Volume 22 No. 3

STEVEN W. SEAGLE & S. J. McNAUGHTON: Simulated effects of precipitation and nitrogen on Serengeti grassland productivity	157
WILLIAM F. J. PARSONS, MARTIN E. MITRE, MICHAEL KELLER & WILLIAM A. REINERS: Nitrate limitation of N ₂ O production and denitrification from tropical pasture and rain forest soils	179
JOHN R. ERTEL, JENNIFER M. CAINE & E. MICHAEL THURMAN: Biomarker compounds as source indicators for dissolved fulvic acids in a bog	195
Instructions for authors	213
Volume contents / Author index	219